



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

APPLICANT: ERNST B. RIEMANN, ET AL.

TITLE: LAN TELEPHONE SYSTEM

SERIAL No.: 10⁶/679,689

FILING DATE: October 7, 2003

GROUP: ART UNIT 2665

EXAMINER: Nguyen, Toan

To: Hon. Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(c)

S I R:

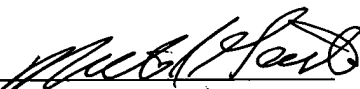
Please find attached form 1449/PTO citing Japanese Publication No. JP08-111629A and a copy and a partial translation thereof. This reference was cited by the Japanese Patent Office in the corresponding Japanese patent application.

Japanese Publication No. 111692A is a simple PBX adder which is used to extend the capabilities of an existing PBX by allowing workstations to connect through the LAN into the PBX. The PBX controls not only the PSTN interface and station interfaces, but also all of the switching of all calls. There is no way for the PBX adder of the Japanese reference to be setup as a standalone telephone system in the manner of the present invention. The present invention is a stand-alone system that entirely eliminates a conventional PBX and any need for it, since the present invention takes the place of a PBX based on the computer network. The present invention is implemented as a distributed

software application that is able to switch calls as asynchronous media streams across a data network between a plurality of telephones and PSTN gateways. Thus, in the system of the present invention all switching is performed by the data network rather than through traditional TDM (Time Divisional Multiplexing), where PBX functionality is provided through the software of the invention, with all end-points in the system of the present invention, such as telephone gateways and PSTN gateways, connecting to the data network and being controlled by the software of the present invention, in contrast to the system of Japanese Publication No. 111692A.

The fee under 37 CFR 1.17(p) is to be charged to deposit account number 13-4825.

Respectfully submitted,

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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete If Known

Application Number	10/1679,689
Filing Date	10/7/03
First Named Inventor	Ernst Riemann
Art Unit	2665
Examiner Name	Nguyen, Toan
Attorney Docket Number	400 861 0003

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	Date Considered
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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